

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IT 03/00581

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B30B9/06 B30B9/26 B01D29/84 B01D29/82		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 B30B F26B B01D		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 298 576 B1 (LA GIOIA ANTONIO) 9 October 2001 (2001-10-09) cited in the application abstract; figures	1,4,5,7, 10-13
Y	US 3 559 566 A (LARSSON LARS-INGVAR ET AL) 2 February 1971 (1971-02-02) column 2, line 47 - line 57; figures 1,2	1,4,5,7, 10,11
A	FR 2 701 664 A (ENITIAA) 26 August 1994 (1994-08-26) figure	1,7,9
Y		12,13
A	FR 2 744 378 A (PRANGERE ROLAND) 8 August 1997 (1997-08-08) abstract; figures	1,9,10, 12,13
-/-		
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "Z" document member of the same patent family		
Date of the actual completion of the international search 29 January 2004		Date of mailing of the international search report 04/02/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016		Authorized officer Belibel, C

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C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 2 127 881 A (ORLANDI LUIGI) 13 October 1972 (1972-10-13) figures	1-3, 6
A	DE 516 762 C (KARL NEYNABER DR ING) 29 January 1931 (1931-01-29) figures	1, 12
A	US 5 119 722 A (CARTER NEIL A ET AL) 9 June 1992 (1992-06-09) abstract; figures	1-3

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International Application No
PCT/IT 03/00581

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6298576	B1	09-10-2001	IT RM980190 A1 23-06-1998
			AT 219232 T 15-06-2002
			AU 2956799 A 18-10-1999
			CA 2318173 A1 30-09-1999
			DE 69901816 D1 18-07-2002
			DE 69901816 T2 30-01-2003
			EP 1066490 A1 10-01-2001
			ES 2178881 T3 01-01-2003
			WO 9949269 A1 30-09-1999
			JP 2002507482 T 12-03-2002
			PT 1066490 T 29-11-2002
US 3559566	A	02-02-1971	DE 1729268 A1 12-08-1971
			FR 1549599 A 13-12-1968
			GB 1202069 A 12-08-1970
			NL 6715592 A 20-05-1968
FR 2701664	A	26-08-1994	FR 2701664 A1 26-08-1994
FR 2744378	A	08-08-1997	FR 2744378 A1 08-08-1997
			WO 9728910 A1 14-08-1997
FR 2127881	A	13-10-1972	ES 177190 Y 01-03-1973
			FR 2127881 A5 13-10-1972
DE 516762	C	29-01-1931	NONE
US 5119722	A	09-06-1992	US 5123341 A 23-06-1992